

Oil Field Environmental Incident Summary

Incident: 20130131133430 **Date/Time of Notice:** 01/31/2013 13:26

Responsible Party: Zavanna, LLC

Well Operator: ZAVANNA, LLC

Well Name: WELLS 6-7 1H

Field Name: FOREMAN BUTTE

Well File #: 21864

Date Incident: 1/25/2013 **Time Incident:** 15:00

Facility ID Number:

County: MCKENZIE

Twp: 149

Rng: 101

Sec: 6

Qtr: NW NE

Location Description: Fluid was reported to have been blown across road into the field to the south of the well location. Approximately 2 inches of snow had fallen since the incident occurred when it was reported to Jerry Mayer, Senior VP of Zavanna, LLC

Submitted By: Gillian Walsh

Received By:

Contact Person: Gillian Walsh
1200 17TH STREET STE 1100
DENVER, CO 80202

General Land Use: Well/Facility Site

Affected Medium: Well/Facility Soil

Distance Nearest Occupied Building: 1.75 Miles

Distance Nearest Water Well: 1.25 Miles

Type of Incident: Treater Popoff

Release Contained in Dike: No

Reported to NRC: Unknown

	Spilled	Units	Recovered	Units
Oil	30	gallons	0	barrels
Brine	0	barrels	0	barrels
Other	0	barrels	0	barrels

Followup **Units**

Description of Other Released Contaminant:

Inspected:

Written Report Received:

Clean Up Concluded:

Risk Evaluation:

Areal Extent:

1 acre

Potential Environmental Impacts:

Action Taken or Planned:

We have spoken to the Landowner and he has requested that we remove the oiled snow immediately. Zavanna, LLC will have the impacted snow removed as quickly as possible.

Wastes Disposal Location: A local commercial disposal facility.

Agencies Involved: Local Law Enforcement

Updates

Date: 1/31/2013 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release from treater popoff covered approximately 1 acre of adjacent field. New snow since. Landowner wants oiled snow off. Follow up is necessary, as well as explanation why report 6 days since incfter incident. E-mail will be sent to Gillian Walsh requesting explanation.

Date: 2/1/2013 **Status:** Inspection

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Roberts and Miller inspected. Zavanna consultant on location during workover acknowledged the treater pop-off release but denied that it went across road into the farmer's field. Roberts and Miller inspected on foot. Immediately found oil spray on fence posts to N-NW of treater, across road at edge of farmers field, then proceeded to follow fairly narrow mist plume as orange/brown, hard crust under new snow on N-NW trending ridge for 150+ yards. Farmer has indicated to Zavanna that he wants the impacted snow removed, and Zavanna has agreed.

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Emails received from Gillian Walsh and David Hodges of Zavanna on 2-1 and 2-2 indicate that mistakes were made by on-site personnel in reporting, and that an e-mail to Jerry Mayer, Zavanna VP, from landowner Peter Nygaard, had been routed to his Junk Mail folder, and only discovered on January 30. It appears that the on-site personnel believed that a the popoff release was less than one barrel, and that no reporting was necessary at that volume. Zavanna will correct that mis-information to all employees and contractors. They are also planning to begin snow removal week of 2/4/13. Will make contact with Walsh 2/4 and recommend that impacted snow crust be analyzed ASAP for salt content. If within acceptable concentrations, DoH may contact Nygaard and recommend incorporation instead, as snow removal may do more field damage than remediating in place.